

Title (en)
TUBE HANDLING APPARATUS.

Title (de)
HANDHABUNGSGERÄT FÜR ROHRE.

Title (fr)
APPAREIL DE MANIPULATION DE TUBES.

Publication
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Application
EP 81902673 A 19810910

Priority
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Abstract (en)
[origin: WO8200853A1] An apparatus for transferring tubulars between the floor (22) of a drilling rig and a pipe rack (R) including an elongated main support frame (12) adapted to be positioned in proximity to the pipe rack, a lift trough (14) positioned longitudinally of the support frame and having one end pivotally coupled to the main support frame, whereby the lift trough can be pivoted upwardly to an inclined position, a power member (30) connected to the lift trough for pivoting the lift trough upwardly to an inclined position relative to the main support frame and toward the drilling rig and downwardly to a generally horizontal position, and a carriage (27) including a movable holding tray (50) operatively connected to the lift trough for moving tubulars positioned in the lift trough along its length. An adjustable fixed trough (20) supported on a drilling rig floor, sloping towards the lift trough and connectable with it when it is in the inclined position for transferring tubulars to the rig floor. The lift trough having a dump trough section (42) for dumping tubulars toward the racks. Pivotal arms (138, 140) connected between them for transferring tubulars to and from the pipe rack and the dump trough. A wheel and track assembly (228, 232) for moving the entire apparatus to different locations on an offshore platform.

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